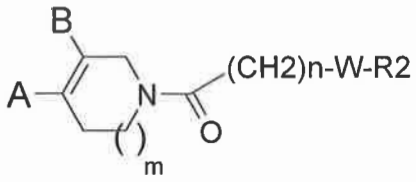
1. A compound of formula (I):



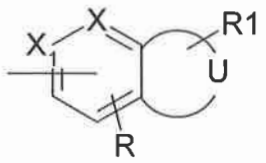
(I)

wherein:

n represents 1 or 2;

m represents 0 or 1;

A represents a fused heterocyclic group of formula (Y):



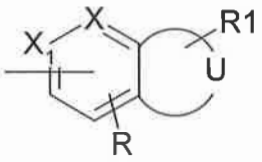
(Y)

and B represents a hydrogen atom;

or

A represents a hydrogen atom; and

B represents a fused heterocyclic group of formula (Y):



(Y)

wherein the fused heterocycle of formula Y is attached to the rest of the molecule via any of the available carbon atoms,

and wherein U completes:

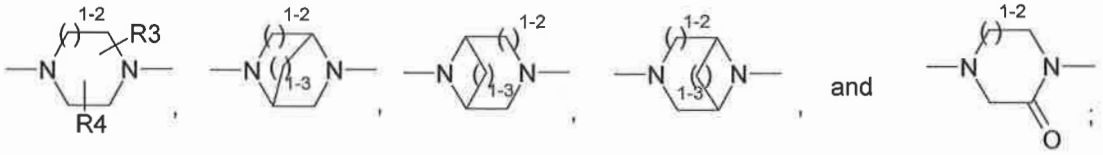
- either an aromatic or saturated 6-atom nucleus, containing one or two nitrogen atoms, the nucleus possibly being substituted with one or two halogen atoms, one or two (C1-C4)alkyl or (C1-C4)alkoxy groups, or one or two perfluoroalkyl radicals;

- or an aromatic or saturated 5-atom nucleus, containing a nitrogen, oxygen or sulfur atom, the nucleus optionally being substituted with one or two (C1-C4)alkyl groups;

X and X1 represent CH or N;

R and R1 are located on any of the available positions, and independently represent a hydrogen atom, a halogen atom, a group (C1-C4)alkyl, (C1-C4)alkoxy, a perfluoroalkyl or trifluoromethoxy radical, a cyano or a group COOH, COOalkyl, CONR3R4 or NHCOR3;

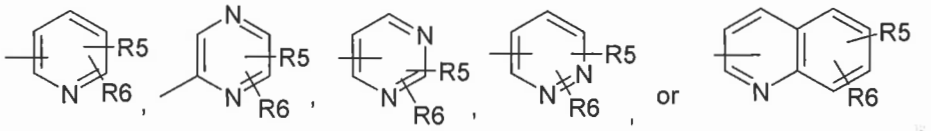
-W- is a nitrogenous heterocycle chosen from:



1-2 represents 1 or 2;

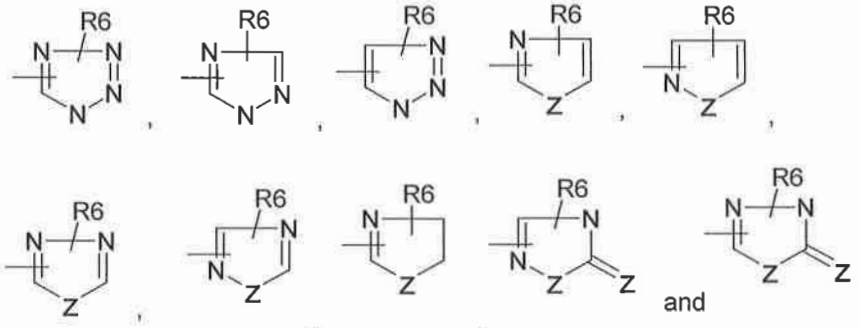
1-3 represents 1, 2 or 3;

R2 represents a group of formula:



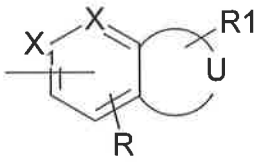
wherein R5 and R6, located on any of the available positions, independently represent a hydrogen atom, a halogen atom, a group (C1-C4)alkyl or (C1-C4)alkoxy, a trifluoromethyl or trifluoromethoxy radical, a cyano or a group COOH, COOalkyl, COOcycloalkyl, SOalkyl, SO_2alkyl, CONR3R4, NR3R4 or NHCOR3;

or one of R5 and R6 represents a heterocycle chosen from:



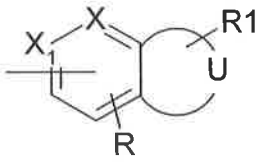
Z represents an oxygen or sulfur atom; and
R3 and R4 represent a hydrogen or a group C1-C6 alkyl;
or an acid-addition salt thereof.

2. The compound according to claim 1, wherein
A represents a fused heterocyclic group of formula (Y)



(Y)

and B represents a hydrogen atom;
or
A represents a hydrogen atom;
and B represents a fused heterocyclic group of formula (Y)



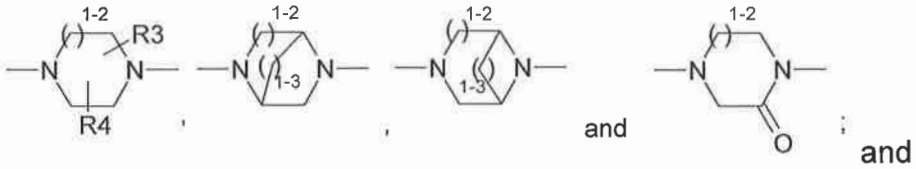
(Y)

wherein the fused heterocycle of formula Y is attached to the rest of the molecule via any of the available carbon atoms of the benzene nucleus;
or an acid-addition salt thereof.

3. The compound according to claim 1, wherein R and R1, located on any of the available positions, independently represent a hydrogen atom, a halogen atom or a group (C_1-C_4)alkyl or COOalkyl; or an acid-addition salt thereof.

4. The compound according to claim 1, wherein:

-W- is a nitrogenous heterocycle chosen from:



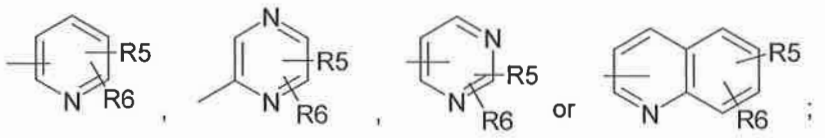
and

R3 and R4 represent a hydrogen atom or a methyl group;

or an acid-addition salt thereof.

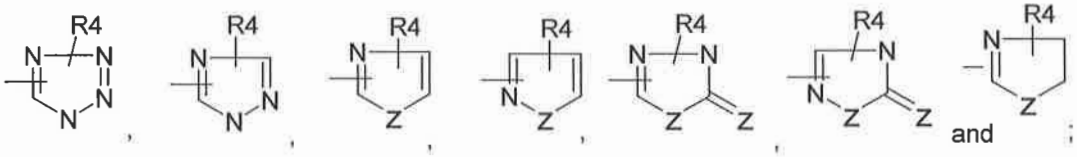
5. The compound according to claim 1, wherein:

R2 represents a group of formula:



R5 and R6, located on any of the available positions, independently represent a hydrogen atom, a trifluoromethyl radical or a group COOH, COOalkyl or COOcycloalkyl; or

one of the groups R5 and R6 represents a heterocycle chosen from:



Z represents an oxygen or sulfur atom; and

R3 and R4 represent a hydrogen or a methyl group;

or an acid-addition salt thereof.

6. The compound according to claim 1, selected from the group consisting of:

- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(3,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;

- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,5R)-2,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,5R)-2,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-trifluoromethylpyridin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-7-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-propylbenzo[b]thiophen-7-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(5-trifluoromethylpyridin-2-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- 1-(4-benzo[b]thiophen-6-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 4-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-quinolin-2-ylpiperazin-1-yl)ethanone;
- 1-(4-quinolin-8-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-

trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;

- 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- 1-(4-benzofuran-3-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-[4-(6-fluoro-1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 1-(4-benzo[b]thiophen-3-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 4-{2-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;

- 2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl)ethanone;
- 4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- 5-{(3S,5R)-4-[2-(4-benzo[b]thiophen-4-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyridine-2-carboxylic acid;
- 4-{2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(6-trifluoromethylpyridin-3-yl)piperazin-2-one;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Methyl 5-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyridine-2-carboxylate;
- Methyl 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-

trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;

- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- 6-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- Methyl 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;
- 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- 4-[2-(4-benzofuran-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Methyl 6-((3S,5R)-3,5-dimethyl-4-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}piperazin-1-yl)nicotinate;
- 6-((3S,5R)-3,5-dimethyl-4-{2-[4-(2-methylbenzo[b]thiophen-5-yl-)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}piperazin-1-yl)nicotinic acid;
- 1-(5-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Ethyl 6-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;
- Methyl 6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Methyl 7-(1-{2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]acetyl}-1,2,3,6-tetrahydropyridin-4-yl)benzo[b]thiophene-2-carboxylate;
- Methyl 5-(1-{2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]acetyl}-1,2,3,6-tetrahydropyridin-4-yl)benzo[b]thiophene-2-carboxylate;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-propylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Methyl 6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Methyl 6-{3-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;

- 6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(7-fluorobenzofuran-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-[4-(2,3-dimethylbenzofuran-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-(4-quinolein-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- 1-(4-benzofuran-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- Methyl 6-{3-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Methyl 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-pyridin-3-yl-[1,4]diazepan-1-yl)ethanone;
- 6-{3-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinic acid;
- Methyl 6-{3-[2-(3-benzofuran-7-yl-2,5-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Methyl 6-{3-[2-(3-benzo[b]thiophen-7-yl-2,5-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- 4-[2-(3-benzofuran-7-yl-2,5-dihydropyrrol-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 6-{3-[2-(4-benzofuran-7-yl-2,3-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- 6-{3-[2-(5-benzo[b]thiophen-7-yl-3,4-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- 6-{3-[2-(4-benzo[b]thiophen-7-yl-2,3-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Methyl 6-(3-{2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-

oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;

- 2-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyrimidine-5-carboxylic acid;
- 3-(6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl)}pyridin-3-yl)-4H-[1,2,4]oxadiazol-5-one;
- 3-(6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}pyridin-3-yl)-4H-[1,2,4]oxadiazol-5-one;
- 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinonitrile;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(3-chloro-5-trifluoromethylpyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyridin-3-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- 6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinonitrile;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(5-trifluoromethylpyridin-2-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- cyclobutyl 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;
- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(7-chloroquinolin-4-yl)piperazin-1-yl]ethanone;
- 2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-chloropyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2R,5S)-2,5-dimethyl-2,3,5,6-tetrahydro-[1,2']bipyrazinyl-4-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(6-trifluoromethylpyridin-2-yl)-

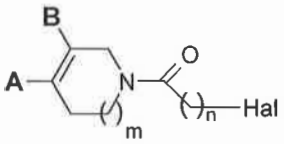
3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;

- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(7-chloro-quinolin-4-yl)piperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-chloro-pyridin-2-yl)piperazin-1-yl]ethanone;
- 2-[4-(6-chloropyridin-2-yl)piperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 2-((2S,6R)-2,6-dimethyl-4-quinolin-2-yl-piperazin-1-yl)-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-pyridin-3-yl[1,4]diazepan-1-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5,6-dichloropyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(6-bromopyridin-2-yl)piperazin-1-yl]ethanone;
- 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;
- 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(6-trifluoromethylpyridazin-3-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(6-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- 2-[4-(7-chloroquinolin-4-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- 4-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-thiazol-2-ylpyridin-2-yl)piperazin-1-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-{(2S,6R)-2,6-dimethyl-4-[5-(2-methyl-2H-tetrazol-5-yl)pyridin-2-yl]piperazin-1-yl}ethanone;

- 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- 4-[2-oxo-2-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- 1-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-trifluoromethylpyridin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-{8-[5-(1-methyl-1H-tetrazol-5-yl)pyridin-2-yl]-3,8-diazabicyclo[3.2.1]oct-3-yl}ethanone; and
- 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-methanesulfonyl-pyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;

or an acid-addition salt thereof.

7. A process for preparing a compound of formula (I) according to claim 1, comprising reacting a compound of formula (II):



(II)

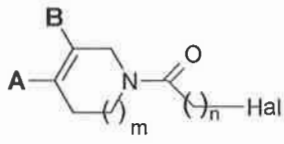
wherein A, B, m and n are as defined in claim 1 and Hal represents a halogen atom, with a compound of general formula (III):

H-W-R2

(III)

wherein W and R2 are as defined in claim 1.

8. A compound of formula (II):



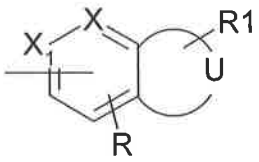
(II)

wherein:

n represents 1 or 2;

m represents 0 or 1;

A represents a fused heterocyclic group of formula (Y):



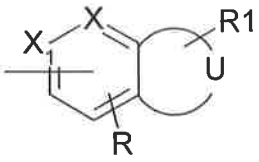
(Y)

and B represents a hydrogen atom;

or

A represents a hydrogen atom; and

B represents a fused heterocyclic group of formula (Y):



(Y)

wherein the fused heterocycle of formula Y is attached to the rest of the molecule via any of the available carbon atoms,

and wherein U completes:

- either an aromatic or saturated 6-atom nucleus, containing one or two nitrogen atoms, the nucleus possibly being substituted with one or two halogen atoms, one or two (C1-C4)alkyl or (C1-C4)alkoxy groups, or one or two perfluoroalkyl radicals;

- or an aromatic or saturated 5-atom nucleus, containing a nitrogen, oxygen or sulfur atom, the nucleus optionally being substituted with one or two groups (C1-C4)alkyl;

X and X1 represent CH or N;

R and R1 are located on any of the available positions, and independently represent a hydrogen atom, a halogen atom, a group (C1-C4)alkyl, (C1-C4)alkoxy, a perfluoroalkyl or trifluoromethoxy radical, a cyano or a group COOH, COOalkyl, CONR3R4 or NHCOR3;

R3 and R4 represent a hydrogen or a group C1-C6 alkyl; and

Hal represents a halogen atom;

or an acid addition salt thereof.

9. A pharmaceutical composition comprising a compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

10. A pharmaceutical composition comprising a compound of formula (I) according to claim 2, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

11. A pharmaceutical composition comprising a compound of formula (I) according to claim 3, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

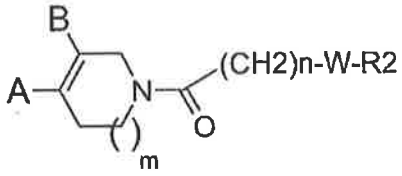
12. A pharmaceutical composition comprising a compound of formula (I) according to claim 4, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

13. A pharmaceutical composition comprising a compound of formula (I) according to claim 5, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

14. A pharmaceutical composition comprising a compound of formula (I) according to claim 6, or a pharmaceutically acceptable salt thereof, and also one or more pharmaceutically acceptable excipients.

CLAIMS

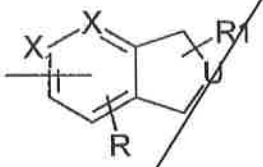
1. A compound corresponding to formula (I):



(I)

in which:

- n represents 1 or 2;
- m represents 0 or 1;
- A represents a fused heterocyclic group of formula (Y)



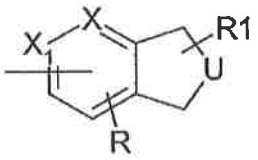
(Y)

and B represents a hydrogen atom;

or

A represents a hydrogen atom; and

B represents a fused heterocyclic group of formula (Y)



(Y)

The fused heterocycle of formula Y may be attached to the rest of the molecule via any of the available carbon atoms, and in which:

- U completes:

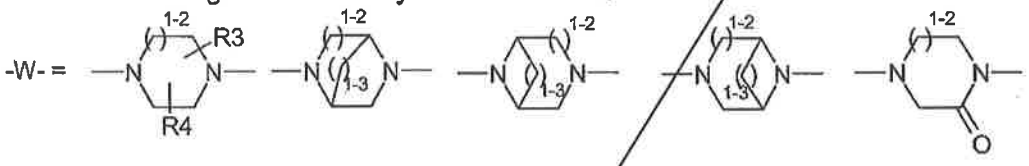
- either an aromatic or saturated 6-atom nucleus, containing one or two nitrogen atoms, the nucleus possibly being substituted with one or two halogen atoms, one or two (C1-C4)alkyl or (C1-C4)alkoxy groups, or one or two perfluoroalkyl radicals;

- or an aromatic or saturated 5-atom nucleus, containing a nitrogen, oxygen or sulfur atom, the nucleus possibly being substituted with one or two groups (C1-C4)alkyl;

- X and X1 represent CH or N;

- R and R1 located on any of the available positions, independently represent a hydrogen atom, a halogen atom, a group (C1-C4)alkyl, (C1-C4)alkoxy, a perfluoroalkyl or trifluoromethoxy radical, a cyano or a group COOH, COOalkyl, CONR3R4 or NHCOR3;

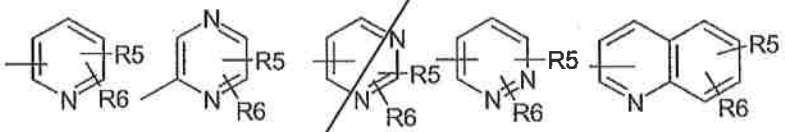
- -W- is a nitrogenous heterocycle chosen from:



- 1-2 represents 1 or 2;

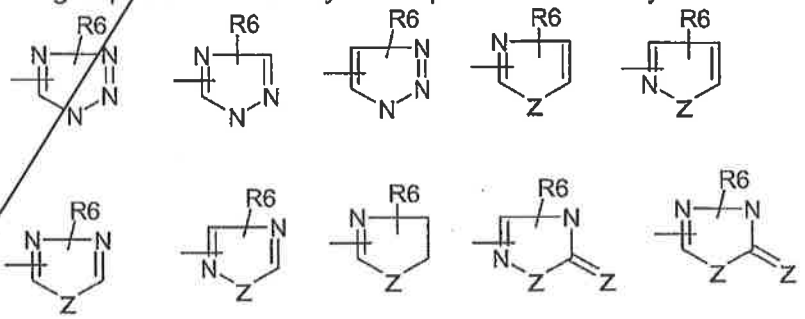
- 1-3 represents 1, 2 or 3;

- R2 represents a group of formula:



- in which R5 and R6, located on any of the available positions, independently represent a hydrogen atom, a halogen atom, a group (C1-C4)alkyl or (C1-C4)alkoxy, a trifluoromethyl or trifluoromethoxy radical, a cyano or a group COOH, COOalkyl, COOcycloalkyl, SOalkyl, SO_2alkyl, CONR3R4, NR3R4 or NHCOR3;

or one of the groups R5 and R6 may also represent a heterocycle chosen from:



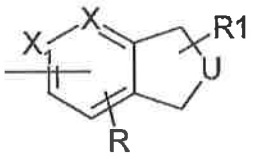
- Z represents an oxygen or sulfur atom;

- R3 and R4 represent a hydrogen or a group C1-C6 alkyl;

in the form of the base or of an acid-addition salt.

2. The compound as claimed in claim 1, such that

- A represents a fused heterocyclic group of formula (Y)



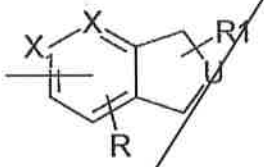
(Y)

and B represents a hydrogen atom;

or

A represents a hydrogen atom;

and B represents a fused heterocyclic group of formula (Y)



(Y)

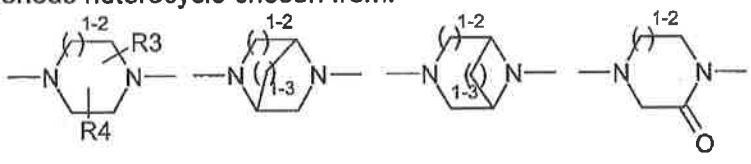
the fused heterocycle of formula Y possibly being attached to the rest of the molecule via any of the available carbon atoms of the benzene nucleus;

in the form of the base or of an acid-addition salt.

3. The compound as claimed in either of claims 1 and 2, such that R and R1 located on any of the available positions, independently represent a hydrogen atom, a halogen atom or a group (C_1-C_4)alkyl or COOalkyl; in the form of the base or of an acid-addition salt.

4. The compound as claimed in one of claims 1 to 3, such that:

- -W- is a nitrogenous heterocycle chosen from:

-W- = 

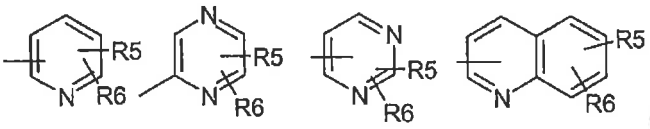
;

- R3 and R4 represent a hydrogen atom or a methyl group;

in the form of the base or of an acid-addition salt.

5. The compound as claimed in one of claims 1 to 4, such that:

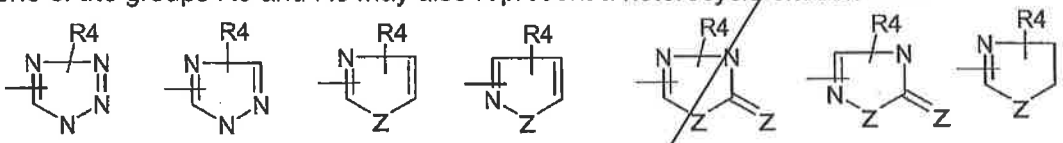
- R2 represents a group of formula:



;

- R5 and R6, located on any of the available positions, independently represent a hydrogen atom, a trifluoromethyl radical or a group COOH, COOalkyl or COOcycloalkyl; or

one of the groups R5 and R6 may also represent a heterocycle chosen from:



- Z represents an oxygen or sulfur atom; and/or
- R3 and R4 represent a hydrogen or a methyl group;

in the form of the base or of an acid-addition salt.

6. The compound as claimed in any one of claims 1 to 5, chosen from:

- Compound 1: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(3,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- Compound 2: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- Compound 3: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- Compound 4: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 5: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,5R)-2,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- Compound 6: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,5R)-2,5-dimethyl-2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- Compound 7: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 8: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-trifluoromethylpyridin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 9: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 10: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-7-yl)-3,6-dihydro-2H-pyridin-

1-yl]ethanone;

- Compound 11: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-propylbenzo[b]thiophen-7-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 12: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(5-trifluoromethylpyridin-2-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- Compound 13: 1-(4-benzo[b]thiophen-6-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 14: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2R,5S)-2,5-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 15: 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(8-pyrimidin-2-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- Compound 16: 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 17: 4-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 18: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 19: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-quinolin-2-ylpiperazin-1-yl)ethanone;
- Compound 20: 1-(4-quinolin-8-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 21: 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 22: 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 23: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 24: 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 25: 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- Compound 26: 1-(4-benzofuran-3-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 27: 2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 28: 1-[4-(6-fluoro-1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[8-

(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;

- Compound 29: 1-(4-benzo[b]thiophen-3-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 30: 4-{2-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 31: 4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 32: 4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 33: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 34: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 35: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- Compound 36: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- Compound 37: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Compound 38: 2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 39: 2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 40: 2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 41: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- Compound 42: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl)ethanone;
- Compound 43: 4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 44: 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- Compound 45: 1-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Compound 46: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-

trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;

- Compound 47: 1-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Compound 48: 5-{(3S,5R)-4-[2-(4-benzo[b]thiophen-4-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyridine-2-carboxylic acid;
- Compound 49: 4-{2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-1-(6-trifluoromethylpyridin-3-yl)piperazin-2-one;
- Compound 50: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Compound 51: Methyl 5-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyridine-2-carboxylate;
- Compound 52: Methyl 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;
- Compound 53: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- Compound 54: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(6-trifluoromethylpyridin-3-yl)piperazin-1-yl]ethanone;
- Compound 55: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2S,6R)-2,6-dimethyl-4-pyrimidin-5-ylpiperazin-1-yl)ethanone;
- Compound 56: 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- Compound 57: 6-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- Compound 58: Methyl 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;
- Compound 59: 6-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinic acid;
- Compound 60: 4-[2-(4-benzofuran-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 61: Methyl 6-((3S,5R)-3,5-dimethyl-4-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}piperazin-1-yl)nicotinate;
- Compound 62: 6-((3S,5R)-3,5-dimethyl-4-{2-[4-(2-methylbenzo[b]thiophen-5-yl-)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}piperazin-1-yl)nicotinic acid;
- Compound 63: 1-(5-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 64: Ethyl 6-{(3S,5R)-4-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}nicotinate;

- Compound 65: Methyl 6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Compound 66: Methyl 7-(1-{2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]acetyl}-1,2,3,6-tetrahydropyridin-4-yl)benzo[b]thiophene-2-carboxylate;
- Compound 67: Methyl 5-(1-{2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]acetyl}-1,2,3,6-tetrahydropyridin-4-yl)benzo[b]thiophene-2-carboxylate;
- Compound 68: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(2-propylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 69: Methyl 6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Compound 70: Methyl 6-{3-[2-(4-benzo[b]thiophen-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Compound 71: 6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Compound 72: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(7-fluorobenzofuran-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 73: 1-[4-(2,3-dimethylbenzofuran-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 74: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-(4-quinolein-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- Compound 75: 1-(4-benzofuran-5-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(2,3,5,6-tetrahydro[1,2']bipyrazinyl-4-yl)ethanone;
- Compound 76: Methyl 6-{3-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Compound 77: Methyl 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;
- Compound 78: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-pyridin-3-yl-[1,4]diazepan-1-yl)ethanone;
- Compound 79: 6-{3-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Compound 80: 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinic acid;
- Compound 81: Methyl 6-{3-[2-(3-benzofuran-7-yl-2,5-dihydropyrrol-1-yl)-2-

oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;

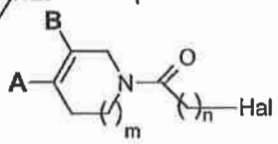
- Compound 82: Methyl 6-{3-[2-(3-benzo[b]thiophen-7-yl-2,5-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinate;
- Compound 83: 4-[2-(3-benzofuran-7-yl-2,5-dihydropyrrol-1-yl)-2-oxoethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 84: 6-{3-[2-(4-benzofuran-7-yl-2,3-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Compound 85: 6-{3-[2-(5-benzo[b]thiophen-7-yl-3,4-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Compound 86: 6-{3-[2-(4-benzo[b]thiophen-7-yl-2,3-dihydropyrrol-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinic acid;
- Compound 87: Methyl 6-(3-{2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;
- Compound 88: 2-{(3S,5R)-4-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,5-dimethylpiperazin-1-yl}pyrimidine-5-carboxylic acid;
- Compound 89: 3-(6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}pyridin-3-yl)-4H-[1,2,4]oxadiazol-5-one;
- Compound 90: 3-(6-{3-[2-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}pyridin-3-yl)-4H-[1,2,4]oxadiazol-5-one;
- Compound 91: 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinonitrile;
- Compound 92: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(3-chloro-5-trifluoromethylpyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- Compound 93: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(8-pyridin-3-yl-3,8-diazabicyclo[3.2.1]oct-3-yl)ethanone;
- Compound 94: 6-{3-[2-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-oxoethyl]-3,8-diazabicyclo[3.2.1]oct-8-yl}nicotinonitrile;
- Compound 95: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(5-trifluoromethylpyridin-2-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- Compound 96: cyclobutyl 6-(3-{2-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-oxoethyl}-3,8-diazabicyclo[3.2.1]oct-8-yl)nicotinate;
- Compound 97: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 98: 1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;

- Compound 99: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(7-chloroquinolin-4-yl)piperazin-1-yl]ethanone;
- Compound 100: 2-[(2S,6R)-4-(5-fluoropyrimidin-2-yl)-2,6-dimethylpiperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 101: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-chloropyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;
- Compound 102: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-((2R,5S)-2,5-dimethyl-2,3,5,6-tetrahydro-[1,2']bipyrazinyl-4-yl)ethanone;
- Compound 103: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-fluoropyrimidin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 104: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(6-trifluoromethylpyridin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 105: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;
- Compound 106: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(7-chloro-quinolin-4-yl)piperazin-1-yl]ethanone;
- Compound 107: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5-chloro-pyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 108: 2-[4-(6-chloropyridin-2-yl)piperazin-1-yl]-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 109: 1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 110: 2-((2S,6R)-2,6-dimethyl-4-quinolin-2-yl-piperazin-1-yl)-1-[4-(1H-indol-3-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
- Compound 111: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-(4-pyridin-3-yl[1,4]diazepan-1-yl)ethanone;
- Compound 112: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(5,6-dichloropyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 113: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[4-(6-bromopyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 114: 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-(4-quinolin-2-ylpiperazin-1-yl)ethanone;
- Compound 115: 1-(4-benzo[b]thiophen-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[5-(6-trifluoromethylpyridazin-3-yl)-2,5-diazabicyclo[2.2.1]hept-2-yl]ethanone;
- Compound 116: 1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]-2-[4-(6-trifluoromethylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 117: 2-[4-(7-chloroquinolin-4-yl)piperazin-1-yl]-1-[4-(2-methylbenzo[b]thiophen-5-yl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;

- Compound 118: 4-[2-oxo-2-(4-thieno[3,2-c]pyridin-4-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 119: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-2,6-dimethyl-4-(5-thiazol-2-ylpyridin-2-yl)piperazin-1-yl]ethanone;
- Compound 120: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-{(2S,6R)-2,6-dimethyl-4-[5-(2-methyl-2H-tetrazol-5-yl)pyridin-2-yl]piperazin-1-yl}ethanone;
- Compound 121: 2-[(2S,6R)-2,6-dimethyl-4-(5-trifluoromethylpyridin-2-yl)piperazin-1-yl]-1-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethanone;
- Compound 122: 4-[2-oxo-2-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)ethyl]-1-(5-trifluoromethylpyridin-2-yl)piperazin-2-one;
- Compound 123: 1-(4-quinolin-2-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[8-(5-trifluoromethylpyridin-2-yl)-3,8-diazabicyclo[3.2.1]oct-3-yl]ethanone;
- Compound 124: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-{8-[5-(1-methyl-1H-tetrazol-5-yl)pyridin-2-yl]-3,8-diazabicyclo[3.2.1]oct-3-yl}ethanone;
- Compound 125: 1-(4-benzofuran-7-yl-3,6-dihydro-2H-pyridin-1-yl)-2-[(2S,6R)-4-(5-methanesulfonyl-pyridin-2-yl)-2,6-dimethylpiperazin-1-yl]ethanone;

in the form of a base or of an acid-addition salt.

7. A process for preparing a compound of formula (I) as claimed in any one of claims 1 to 6, characterized in that a compound of formula (II):



(II)

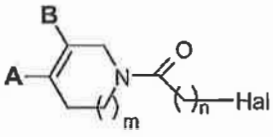
in which A, B, m and n are defined according to any one of claims 1 to 6 and Hal represents a halogen atom,
and a compound of general formula (III):

H-W-R2

(III)

in which W and R2 are defined according to any one of claims 1 to 6, are reacted together.

8. A compound of formula (II):



(II)

in which A, B, m and n are defined according to any one of claims 1 to 6 and Hal represents a halogen atom;
except for 2-chloro-1-[4-(2-methoxyphenyl)-3,6-dihydro-2H-pyridin-1-yl]ethanone and 2-chloro-1-[4-(4-bromophenyl)-3,6-dihydro-2H-pyridin-1-yl]ethanone;
in the form of the base or of an acid-addition salt.

9. A medicament, characterized in that it comprises a compound of formula (I) as claimed in any one of claims 1 to 6, or an addition salt of this compound with a pharmaceutically acceptable acid.

10. A pharmaceutical composition, characterized in that it comprises a compound of formula (I) as claimed in any one of claims 1 to 6, or a pharmaceutically acceptable salt, and also at least one pharmaceutically acceptable excipient.

11. The compound as claimed in any one of claims 1 to 6, as a medicament.

12. The compound as claimed in any one of claims 1 to 6, for the preparation of a medicament for preventing or treating central and peripheral neurodegenerative diseases, senile dementia, epilepsy, Alzheimer's disease, Parkinson's disease, Huntington's chorea, Down's syndrome, prion diseases, amnesia, schizophrenia, depression, bipolar disorder, amyotrophic lateral sclerosis, multiple sclerosis, cardiovascular disorders, post-ischemic heart damage, cardiomyopathies, myocardial infarction, cardiac insufficiency, cardiac ischemia, cerebral infarction; peripheral neuropathies, optic nerve and retinal damage, retinal pigment degeneration, glaucoma, retinal ischemia, macular degeneration, spinal cord trauma, cranial trauma, atherosclerosis, stenosis, wound healing disorders, alopecia, pancreatitis, hepatic fibrosis, cancers, tumors, metastases, leukemias, respiratory disorders, pulmonary inflammation, allergy, asthma, chronic obstructive pulmonary disease, cutaneous, somatic, visceral and neurological pain, chronic neuropathic and inflammatory pain, autoimmune diseases, rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, plaque psoriasis, bone fractures, bone diseases and osteoporosis.

13. The compound as claimed in claim 12, having the capacity to inhibit dimerization of the $p75^{NTR}$ receptor independently of its ligand.

14. The use of a compound as claimed in one of claims 1 to 6, for the preparation of medicaments that are useful in the treatment and prevention of central and peripheral neurodegenerative diseases, senile dementia, epilepsy, Alzheimer's disease, Parkinson's disease, Huntington's chorea, Down's syndrome, prion diseases, amnesia, schizophrenia, depression, bipolar disorder, amyotrophic lateral sclerosis, multiple sclerosis, cardiovascular disorders, post-ischemic heart damage, cardiomyopathies, myocardial infarction, cardiac insufficiency, cardiac ischemia, cerebral infarction; peripheral neuropathies, optic nerve and retinal damage, retinal pigment degeneration, glaucoma, retinal ischemia, macular degeneration, spinal cord trauma, cranial trauma, atherosclerosis, stenosis, wound healing disorders, alopecia, pancreatitis, hepatic fibrosis, cancers, tumors, metastases, leukemias, respiratory disorders, pulmonary inflammation, allergy, asthma, chronic obstructive pulmonary disease, cutaneous, somatic, visceral and neurological pain, chronic neuropathic and inflammatory pain, autoimmune diseases, rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, plaque psoriasis, bone fractures, bone diseases and osteoporosis.